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The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

- 1. A computer printing system for a client-server computer system, comprising a host server, optionally connected to one or more printers, and one or more remotely connected client computers, which are connected with one or more printers, wherein a universal printer driver is located on, or under the control of the host server, which universal printer driver, on receipt of a print request from a client computer, converts a non-universal print file to a compressed, transmittable file that is sent to, and which can be interpreted by a universal print file reader located on, a printer server system, so that a universal print file is transmitted, under the control of the host server, to at least one of said printers.
- 2. A computer printing system as claimed in Claim 1 wherein said printer server system is the client computer and a printer connected to, or under the control of the client computer.
- 3. A computer printing system as claimed in Claim 1 wherein said universal printer driver is installed on the host server, and said universal printer reader is installed on the client computer.
 - 4. A computer printing system as claimed in Claim 1 wherein the universal printer driver is able to compress the printer file into a smaller file which can be transmitted more rapidly than the original, larger printer file.
 - 5. A computer printing system as claimed in Claim 4 wherein the universal printer driver compresses the printer file to a file size which is less than 90% of its original size.
- 25 6. A computer printing system as claimed in Claim 4 wherein the universal printer driver compresses the printer file to a file size which is less than 75% of its original size.

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- 7. A computer printing system as claimed in Claim 4 wherein the universal printer driver compresses the printer file to a file size which is less than 50% of its original size.
- 8. A computer printing system as claimed in Claim 1 wherein the universal

 5 printer driver is one in which the driver is not dependent on the operating system, and can
 prepare a print file which can be transmitted to any number of different operating
 systems.
 - 9. A computer printing system as claimed in Claim 1 wherein the universal printer driver can create a print file which can be sent to a variety of machines including computers running Windows operating systems, Apple computers, VAX computers, computers running under a UNIX operating system, thin-client configurations, Network PCs, NCs, and PDAs.
 - 10. A computer printing system as claimed in Claim 1 wherein said universal printer drivers creates files of the type commonly used with the file extensions of "tif" or "pdf".
 - 11. A computer printing system as claimed in Claim 1 wherein said universal printer driver creates files of the type commonly used with the file extension "pdf".
 - 12. A computer printing system as claimed in Claim 1 wherein the universal printer driver is installed on a server running Citrix MetaFrame.
- 20 13. A computer printing system as claimed in Claim 1 wherein said host server is a host server capable of running Citrix MetaFrame.
 - 14. A computer printing system as claimed in Claim 1 wherein the host server and the client computer may be connected through direct connections or by wireless connections.

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- 15. A computer printing system as claimed in Claim 1 wherein the host server and the client computer are connected as part of a networked computer system.
- 16. A computer printing system as claimed in Claim 1 wherein the networked computer system comprises a WAN, a LAN, an intranet or Internet connection.
- 5 17. A computer printing system as claimed in Claim 1 wherein the printer server system comprises a separate, dedicated PC for forwarding the universal print file directly to the printer without passing through the local, remote computer.
 - 18. A computer printing system as claimed in Claim 1 wherein the printer file is sent from the host server to a separate computerized system for conversion to a compressed, transmittable file, before the compressed transmittable file is sent to the remote client computer.
 - 19. A computer printing system as claimed in Claim 1 wherein the compressed transmittable file is sent to an electronic mail system of the host server, and sent to the client as an e-mail file.
- 15 20. A method for printing in a client-server computer printing system having a host server, optionally connected to one or more printers, and one or more remotely connected client computers, which are connected with one or more printers, comprising, requesting a print file from a host server by a client computer, to a printer server system,
- translating the print file into a compressed, transmittable file using a universal printer driver located on, or under the control of the host server,

transmitting the compressed transmittable file to said printer server system,
translating the compressed transmittable file to a universal print file suitable for use
by a printer connected to the printer server system by using a universal print file reader
located on said printer server system, and

transmitting said universal print file to at least one of said printers so that said print file is printed.

- 21. A method as claimed in Claim 20 wherein said printer server system is the client computer and a printer connected to, or under the control of the client computer.
- 5 22. A method as claimed in Claim 20 wherein said universal printer driver creates files of the type commonly used with the file extensions of "tif" or "pdf".
 - 23. A method as claimed in Claim 20 wherein said universal printer driver creates files of the type commonly used with the file extension "pdf".
 - 24. A method as claimed in Claim 20 wherein the universal printer driver is installed on a server running Citrix MetaFrame.
 - 25. A method as claimed in Claim 20 wherein said host server is a host server capable of running Citrix MetaFrame.
 - 26. A method as claimed in Claim 20 wherein the host server and the client computer may be connected through direct connections or by wireless connections.
- 15 27. A method as claimed in Claim 20 wherein the host server and the client computer are connected as part of a networked computer system.
 - 28. A method as claimed in Claim 20 wherein the networked computer system comprises an intranet or Internet connection.